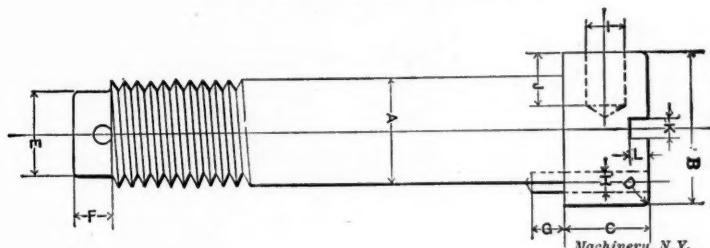


S 6 DATA SHEETS.

paid for. Only data not available in engineers' handbooks desired.

These data sheets are intended to be cut into four sections, 6 x 9 inches in size. They may then be bound into note-book form for convenient reference, by means of staples inserted in holes punched at the points indicated. A suitable binder for these data sheets will be supplied for 25 cents, which has an open back and will hold an indefinite number of 6 x 9 sheets, depending on the length of staples used.

ROUND HEAD BOLTS.



Machinery, N.Y.

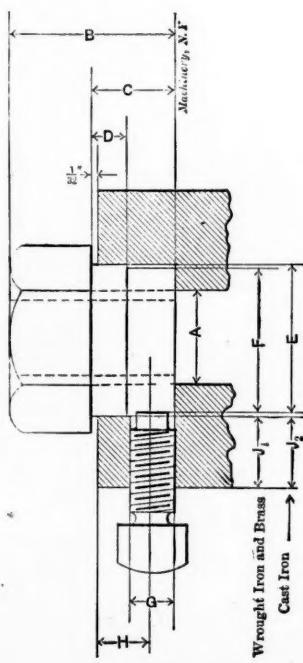
CREASE HERE

A	B	C	D	E	F	G	H	I	J	K	L	No. of Threads.	Size of Split Pin.	Dia. of Bot. of Thread.	Area at Bot. of Thread.
1 1/16	3/4"	7/16"	1/8"	11/16"	1/16"	3/16"	1/16"	3/16"	1/16"	1/16"	5/16"	12	.400	.1248	
1 1/16	1 1/16	1 1/16	1/8"	7/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	11	.507	.2005	
1 1/16	1 1/16	1 1/16	1/8"	9/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	10	.620	.2998	
1 1/16	1 1/16	1 1/16	1/8"	11/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	9	.731	.4168	
1 1/16	1 1/16	1 1/16	1/8"	13/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	8	.837	.5465	
1 1/16	1 1/16	1 1/16	1/8"	15/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	7	.940	.6892	
1 1/16	1 1/16	1 1/16	1/8"	17/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	7	1.065	.8847	
2	2 1/16	1 1/16	1/8"	1 1/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	6	1.160	1.049	
2	2 1/16	1 1/16	1/8"	1 3/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	6	1.284	1.285	
2	2 1/16	1 1/16	1/8"	1 5/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	5	1.389	1.505	
2	2 1/16	1 1/16	1/8"	1 7/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	5	1.491	1.734	
2	2 1/16	1 1/16	1/8"	1 9/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	5	1.616	2.037	
2	2 1/16	1 1/16	1/8"	1 11/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4 1/2	1.712	2.286	
2	2 1/16	1 1/16	1/8"	1 13/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4 1/2	1.962	3.003	
2	2 1/16	1 1/16	1/8"	1 15/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4 1/2	2.176	3.696	
2	2 1/16	1 1/16	1/8"	1 17/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4 1/2	2.426	4.591	
3	4 1/16	2 1/16	1/8"	2 1/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4	2.629	5.391	
3	4 1/16	2 1/16	1/8"	2 3/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4	2.879	6.465	
3	4 1/16	2 1/16	1/8"	2 5/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4	3.100	7.496	
3	4 1/16	2 1/16	1/8"	2 7/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4	3.317	8.582	
4	5 7/8	2 7/8	1/8"	3 1/16"	1/16"	5/16"	1/16"	5/16"	1/16"	1/16"	5/16"	4	3.567	9.922	

Contributed by W. S. Atkinson.

Supplement to MACHINERY, August, 1905.

CREASE HERE
LOCK NUTS.



A	B	C	D	E	F	G	H	J ₁	J ₂	Never Less.
1 1/16	3/4"	7/16"	1/8"	1 1/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 3/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 5/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 7/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 9/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 11/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 13/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 15/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 17/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 19/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 21/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
1 1/16	2 1/16	2 1/16	1/8"	1 23/16"	1/16"	5/16"	1/16"	5/16"	1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 1/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 3/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 5/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 7/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 9/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 11/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 13/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 15/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 17/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 19/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 21/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
2	3 1/16	3 1/16	4 1/8"	4 23/16"	1/16"	5/16"	3 1/16"	3 1/16"	3 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 1/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 3/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 5/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 7/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 9/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 11/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 13/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 15/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 17/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 19/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 21/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
3	5 1/16	5 1/16	5 1/8"	5 23/16"	1/16"	5/16"	5 1/16"	5 1/16"	5 1/16"	5/16"
4	6 1/16	6 1/16	6 1/8"	6 1/16"	1/16"	5/16"	6 1/16"	6 1/16"	6 1/16"	5/16"

U. S. Navy Standard.

Supplement to MACHINERY, August, 1905.